

FIG. 2

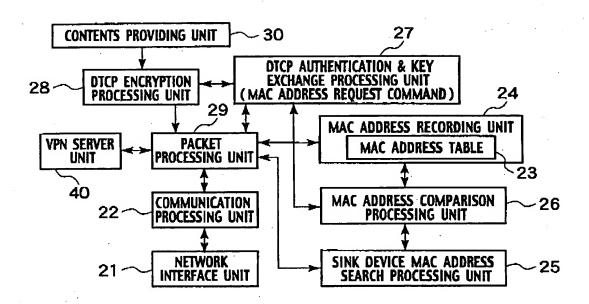


FIG. 3

MAC ADDRESS TABLE

	IP ADDRESS	MAC ADDRESS	DEVICE ID
SINK DEVICE B	192.168.1.3	BB:BB:BB	B1
SINK DEVICE C	192.168.1.5	CC:CC:CC	C1 .
SINK DEVICE X	192.168.78	XX:XX:XX	X1

FIG. 4

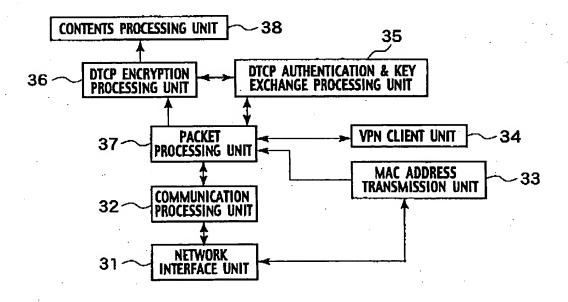
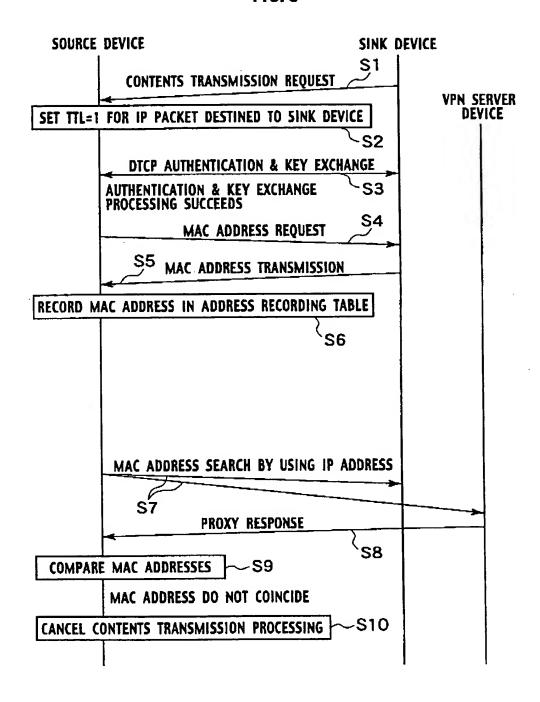


FIG. 5



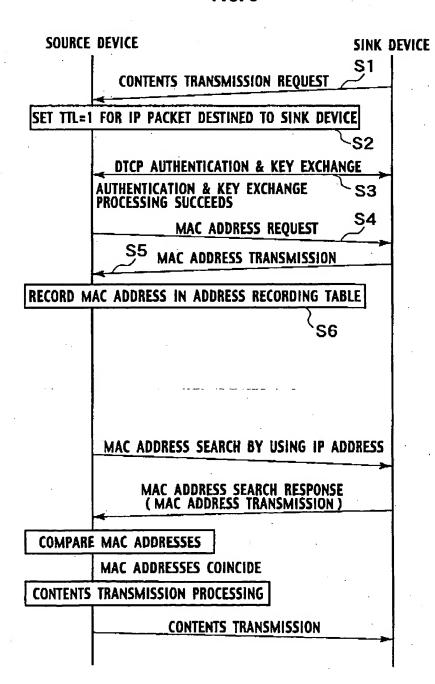


FIG. 7

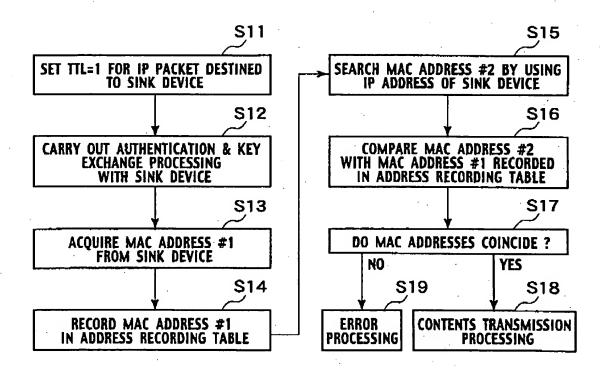
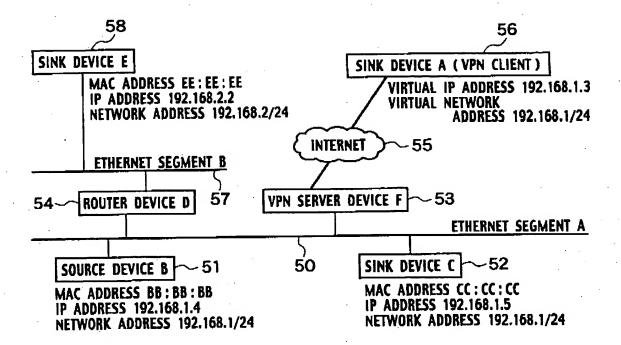


FIG. 8



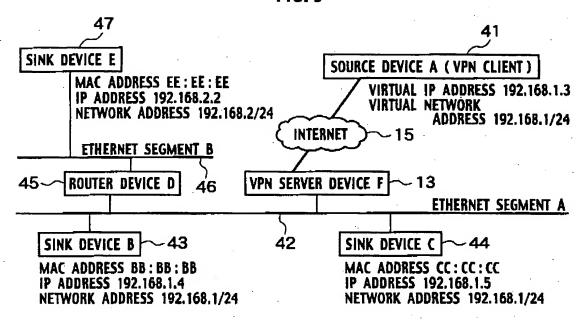


FIG. 10

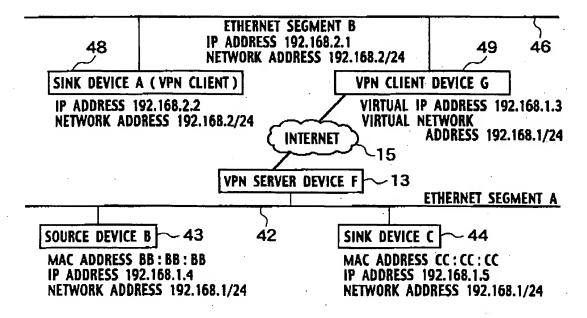


FIG. 11

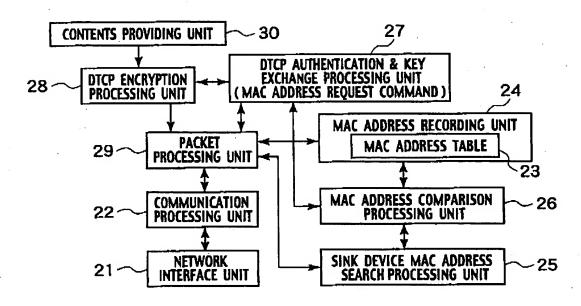


FIG. 12

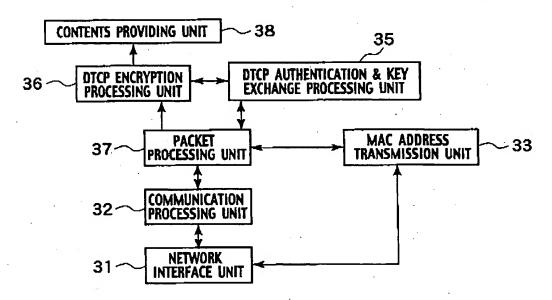


FIG. 13

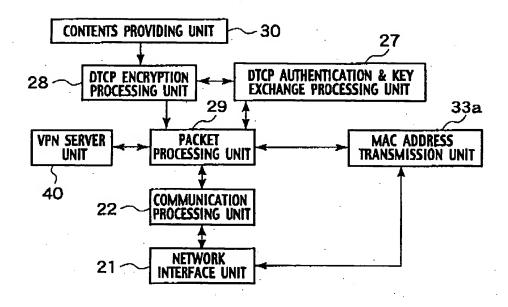


FIG. 14

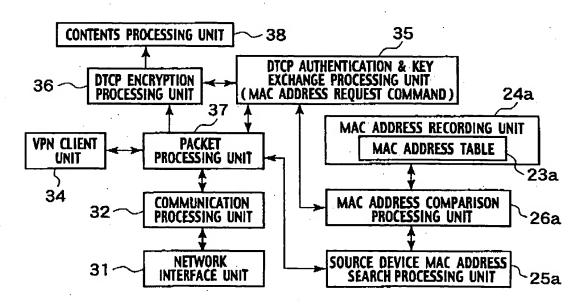
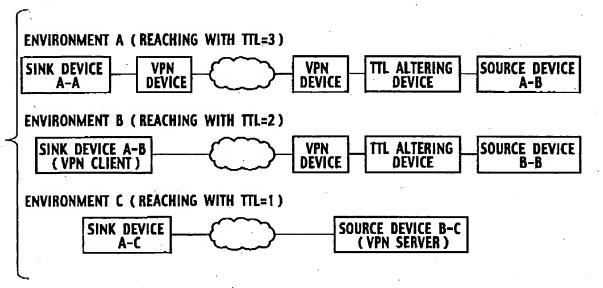


FIG. 15



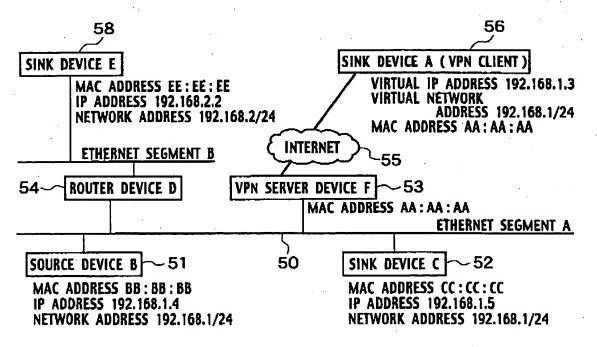


FIG. 17

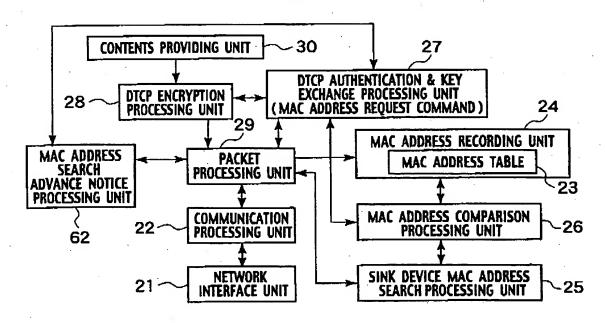
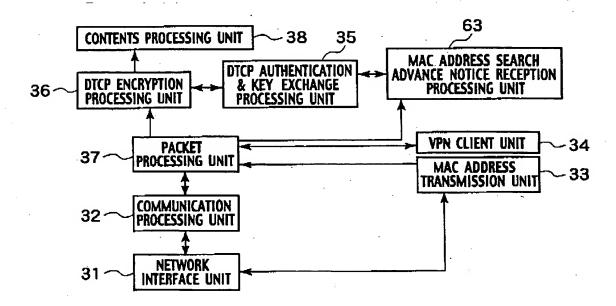


FIG. 18



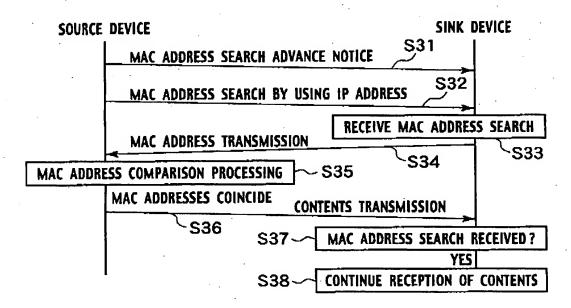
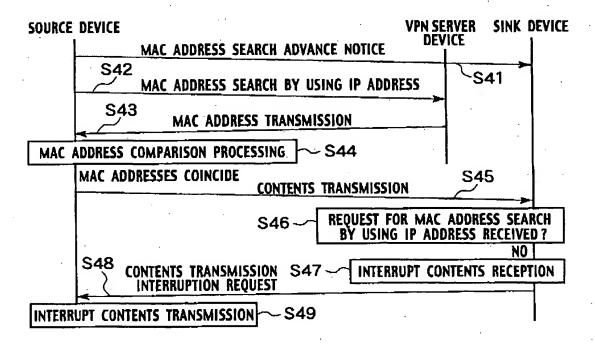


FIG. 20



14/21 FIG. 21 27 CONTENTS 30 PROVIDING UNIT DTCP AUTHENTICATION & KEY **EXCHANGE PROCESSING UNIT** DTCP ENCRYPTION (MAC ADDRESS REQUEST COMMAND) PROCESSING UNIT 62 64 28 29 **MAC ADDRESS** MAC ADDRESS SEARCH ADVANCE MAC ADDRESS RECORDING UNIT **PACKET** SEARCH ADVANCE **MAC ADDRESS** PROCESSING UNIT NOTICE PROCESSING NOTICE RESPONSE TABLE UNIT RECEPTION 26 PROCESSING UNIT 23 MAC ADDRESS COMPARISON **COMMUNICATION** PROCESSING UNIT 22 PROCESSING UNIT 25 SINK DEVICE **MAC ADDRESS** NETWORK SEARCH PROCESSING 21 INTERFACE UNIT UNIT FIG. 22 65 63 -38 CONTENTS PROCESSING UNIT MAC ADDRESS **MAC ADDRESS** SEARCH ADVANCE SEARCH ADVANCE

DTCP AUTHENTICATION NOTICE RECEPTION NOTICE RESPONSE & KEY EXCHANGE PROCESSING UNIT DTCP ENCRYPTION PROCESSING UNIT PROCESSING UNIT PROCESSING UNIT 36 35 VPN CLIENT UNIT - 34 PACKET 37 PROCESSING UNIT **MAC ADDRESS** -33 TRANSMISSION UNIT **COMMUNICATION** 32 PROCESSING UNIT **NETWORK** 31 INTERFACE UNIT

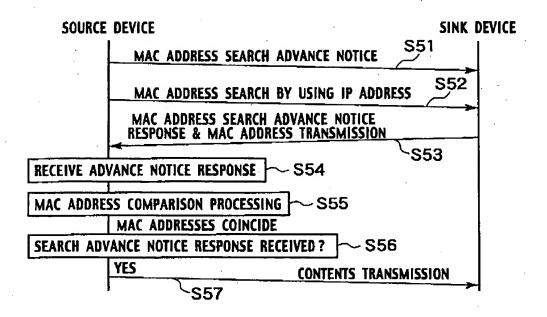
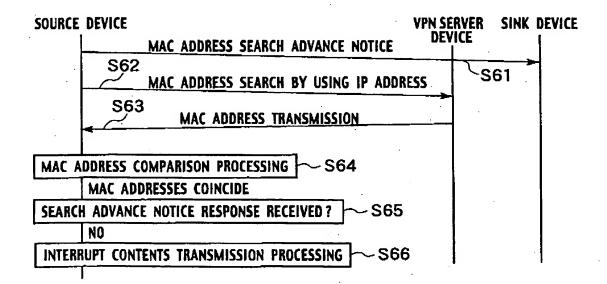


FIG. 24



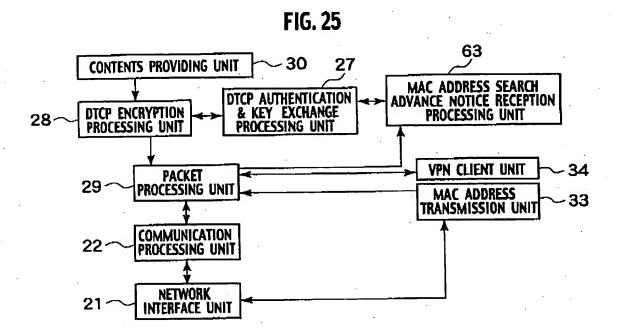
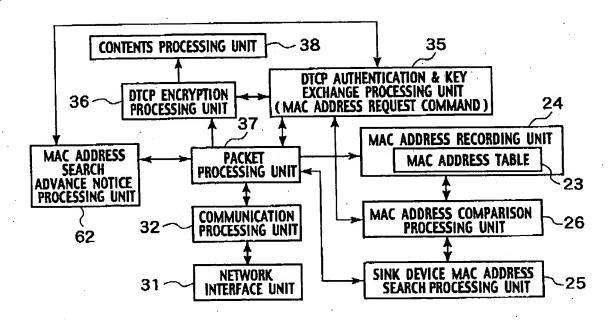


FIG. 26



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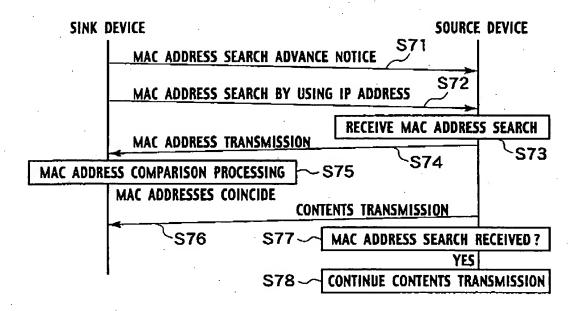
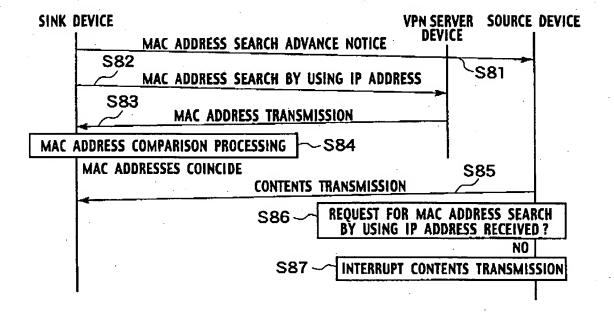


FIG. 28





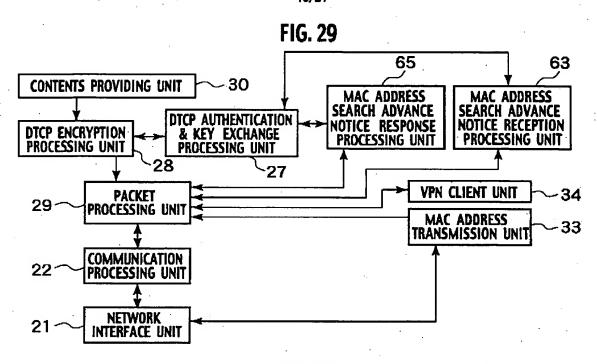
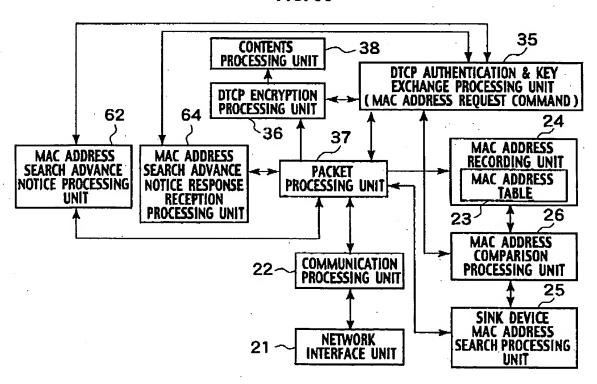


FIG. 30



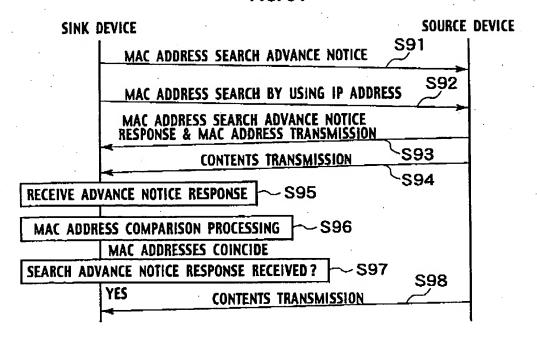
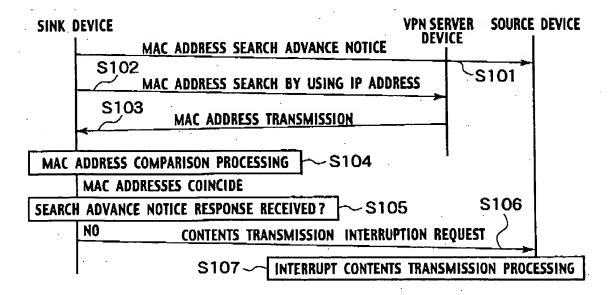


FIG. 32



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FIG. 33 PRIOR ART

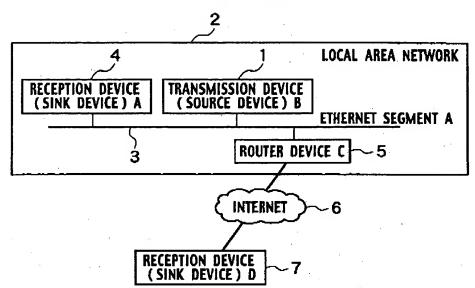
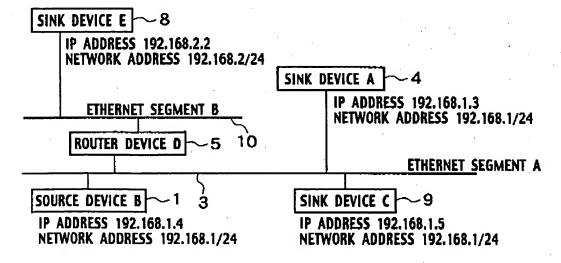


FIG. 34 PRIOR ART



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FIG. 35 PRIOR ART

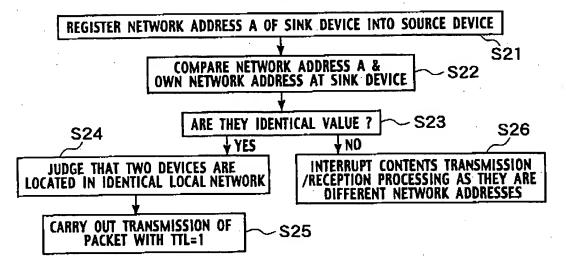


FIG. 36 PRIOR ART

